

INTERNATIONAL SEARCH REPORT

GB2004/004580

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A23L1/015 A61K35/78 A23C9/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 A23L A61K A23C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, EMBASE, FSTA

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 607 971 A (AL-MAHMOUD MOHSEN ET AL) 4 March 1997 (1997-03-04) column 2, line 60 – column 3, line 3 column 5, line 45 – column 10, line 38 column 15, line 55 – line 64 -----	1-25
X	US 5 466 453 A (UCHIDA YUKIO ET AL) 14 November 1995 (1995-11-14) column 1, line 15 – column 3, line 2; example 8 column 5, line 25 – line 62 -----	1-25
X	US 5 690 984 A (LIM JUNG GEUN) 25 November 1997 (1997-11-25) column 1, line 20 – column 3, line 9; examples ----- -/-	1-25

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the International search

Date of mailing of the International search report

2 February 2005

17/02/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 329 000 B1 (JI LING) 11 December 2001 (2001-12-11) cited in the application claims; examples -----	1-25
X	DATABASE FSTA 'Online! INTERNATIONAL FOOD INFORMATION SERVICE (IFIS), FRANFURT/MAIN, DE; 2000, EUN-JU KIM ET AL: "Bread properties utilizing extracts of pine needle according to preparation method." XP002272259 Database accession no. 2000-00-m0004 abstract & KOREAN JOURNAL OF FOOD SCIENCE AND TECHNOLOGY 30 (3) 542-547, 1998, -----	1-25
X	DATABASE FSTA 'Online! INTERNATIONAL FOOD INFORMATION SERVICE (IFIS), FRANFURT/MAIN, DE; 1999, YOUNG-AE OH ET AL: "Effect of addition of water extract of pine needle on tissue of kimchi." XP002272260 Database accession no. 1999-00-j0385 abstract & JOURNAL OF THE KOREAN SOCIETY OF FOOD SCIENCE AND NUTRITION 27 (3) 461-470, 1998, -----	1-25
X	WO 02/101025 A (KWON JAY YUNE ;KOREA BIOTECH CORP (KR); VLADIMIR BAKHAREV A (RU)) 19 December 2002 (2002-12-19) claim 8; examples 14-33,36-40,43-47 -----	1-25

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: 21 because they relate to subject matter not required to be searched by this Authority, namely:
Although claim 21 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of Invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 5607971	A	04-03-1997	NONE		
US 5466453	A	14-11-1995	CN	1081844 A ,C	16-02-1994
			DE	69312547 D1	04-09-1997
			DE	69312547 T2	08-01-1998
			EP	0565313 A2	13-10-1993
			HK	1000338 A1	27-02-1998
			JP	3203572 B2	27-08-2001
			JP	6009419 A	18-01-1994
			KR	268401 B1	16-10-2000
US 5690984	A	25-11-1997	JP	9047267 A	18-02-1997
US 6329000	B1	11-12-2001	WO	9832455 A1	30-07-1998
			AU	734851 B2	21-06-2001
			AU	1588497 A	18-08-1998
			CA	2279261 A1	30-07-1998
			EP	1013278 A1	28-06-2000
			JP	2001508777 T	03-07-2001
WO 02101025	A	19-12-2002	KR	2001079073 A	22-08-2001
			WO	02101025 A1	19-12-2002
			KR	2002095101 A	20-12-2002